

# ABSTRACT OF THE DISCLOSURE

When a high-frequency component of a video signal that is output from a CCD image sensor (1-2) can be extracted from band-pass filters (1-13, 1-14), the  
5 band-pass filters (1-13, 1-14) are changed in accordance with the number of pixels in the video signal. Even if the spatial sampling frequency (high-frequency component) of the video signal changes, a frequency component of an optimum band can be  
10 extracted.